

10032971.1.20001

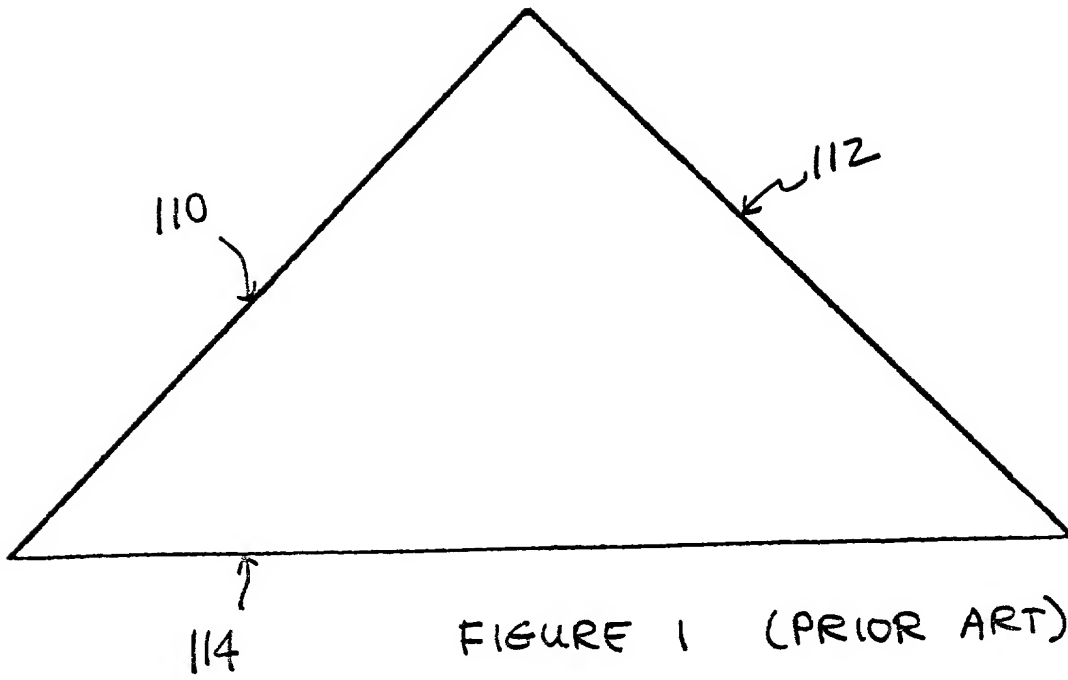


FIGURE 1 (PRIOR ART)

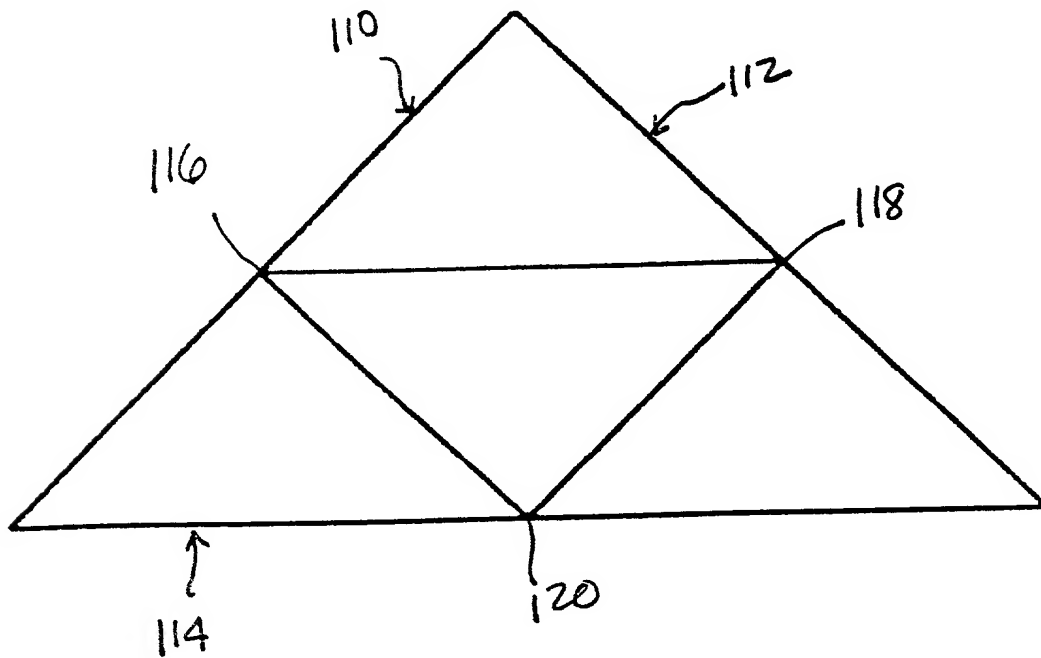


FIG. 2 (PRIOR ART)

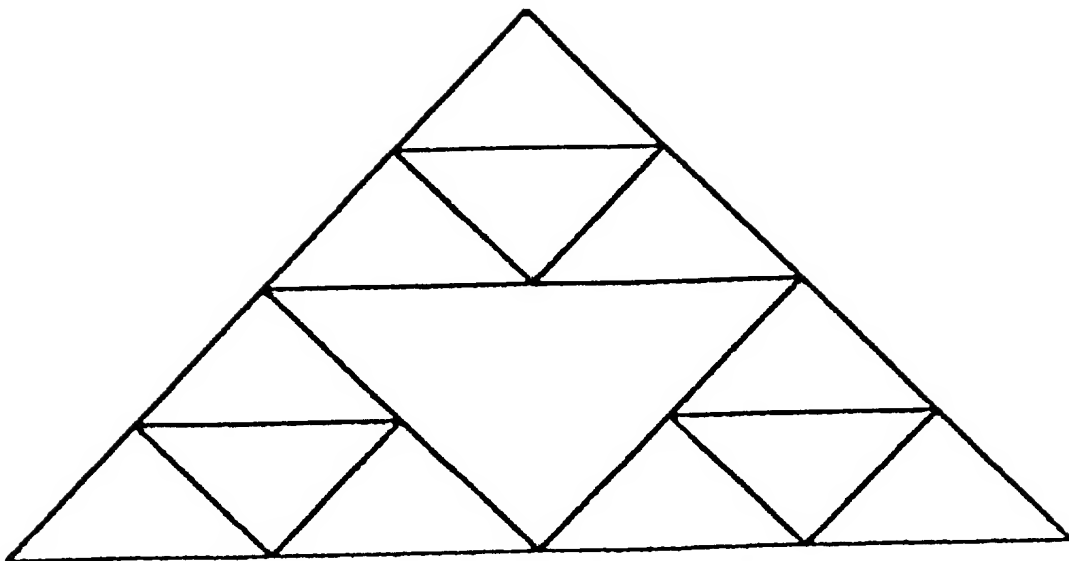


FIG. 3 (PRIOR ART)

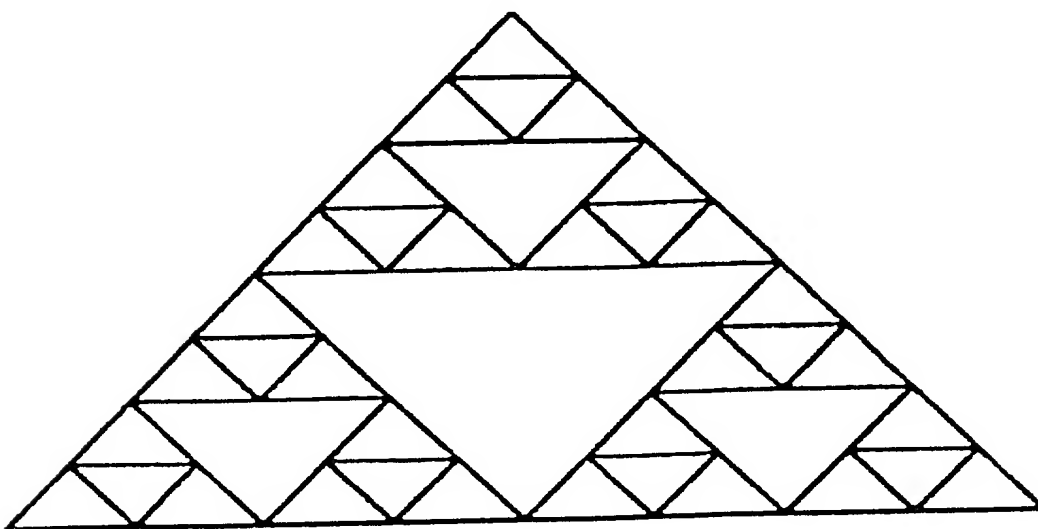


FIG. 4 (PRIOR ART)

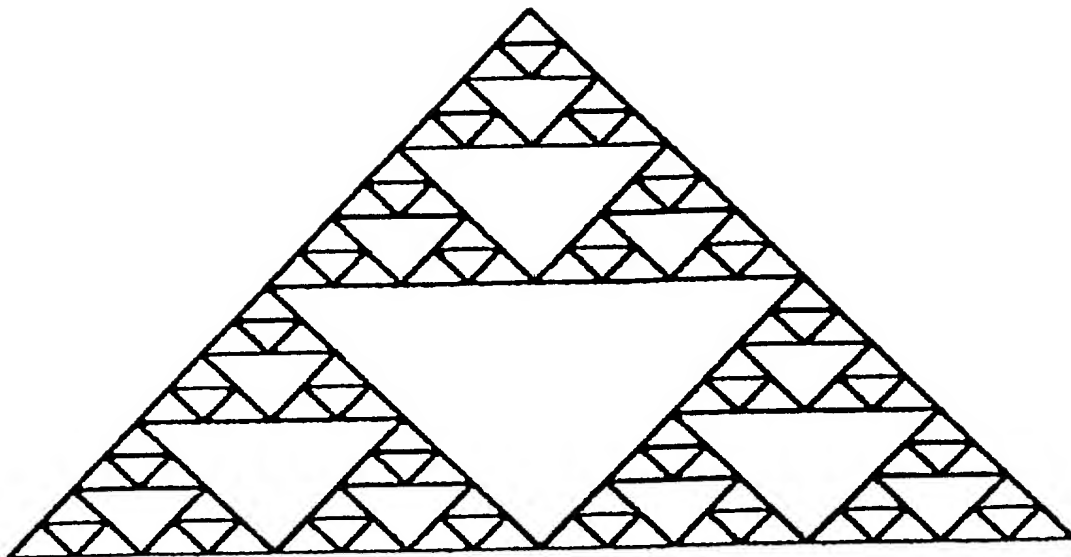


FIG. 5 (PRIOR ART)

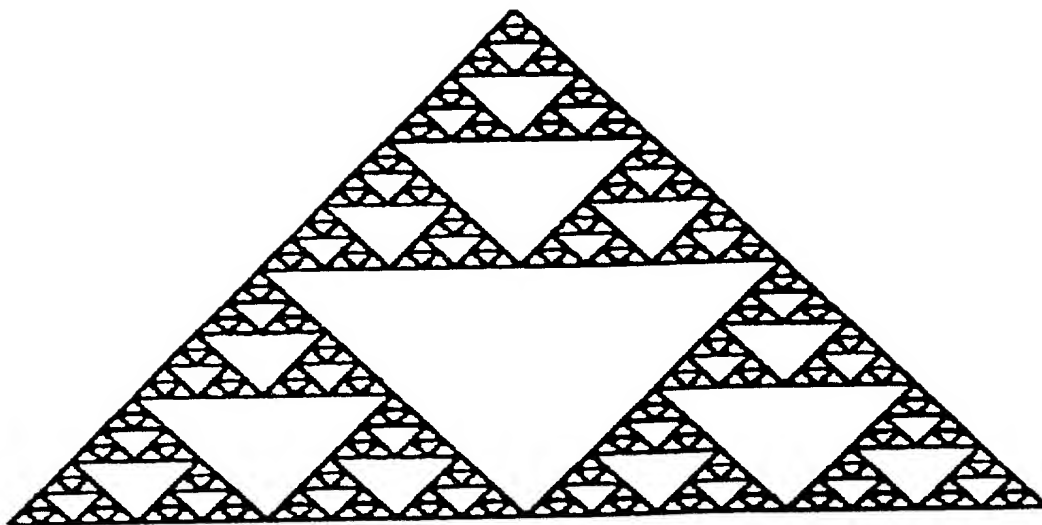


FIG. 6 (PRIOR ART)

FIG. 8 (PRIOR ART)

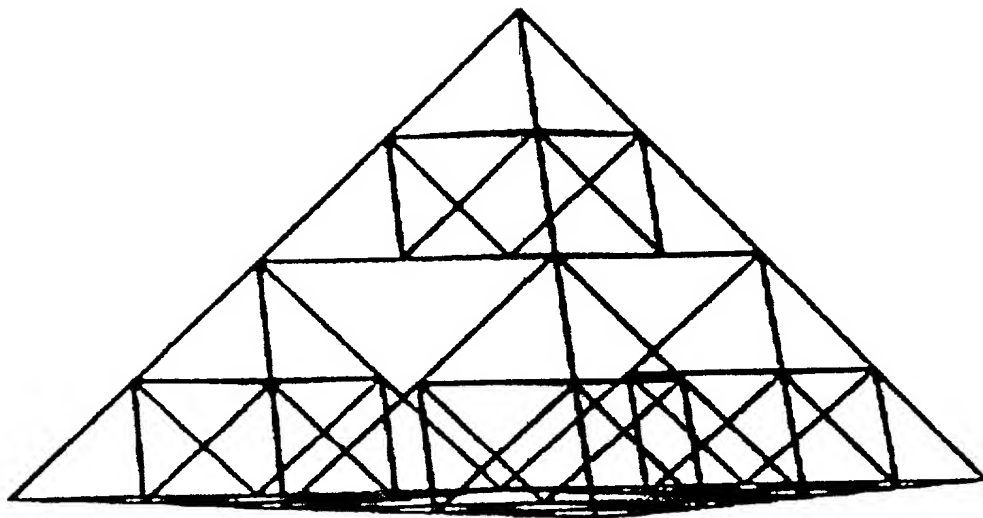


FIG. 9 (PRIOR ART)

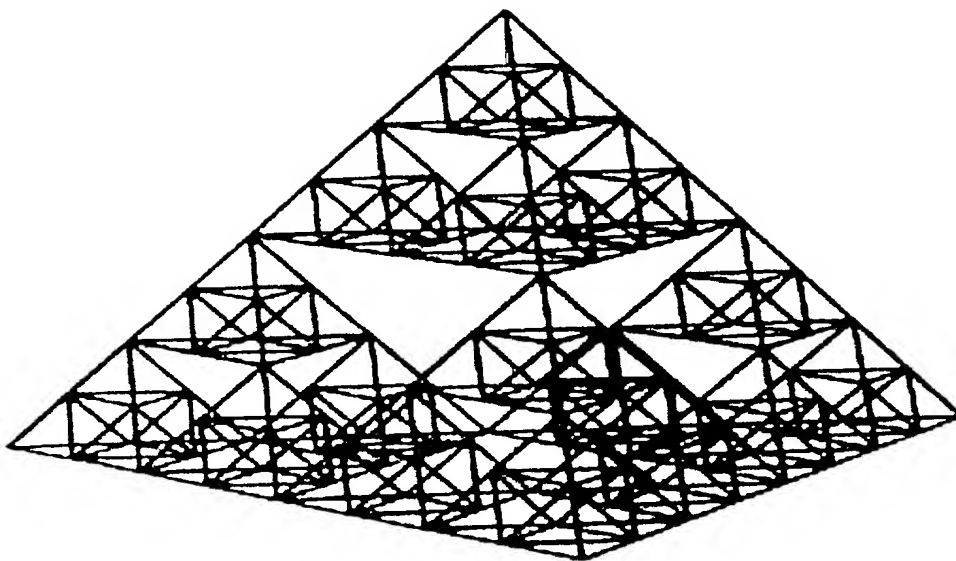


FIG. 10 (PRIOR ART)

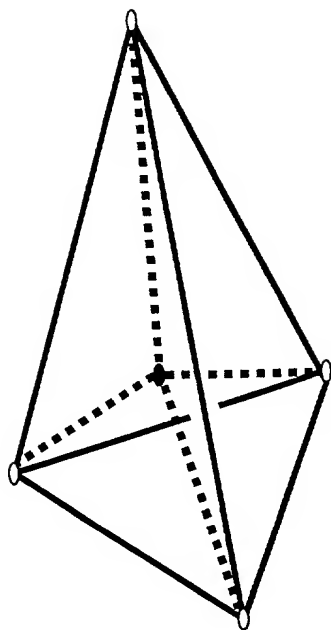


FIG. 10A
(PRIOR ART)

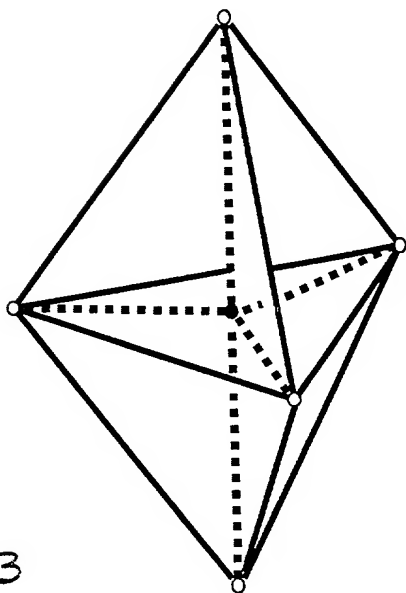


FIG. 10B
(PRIOR ART)

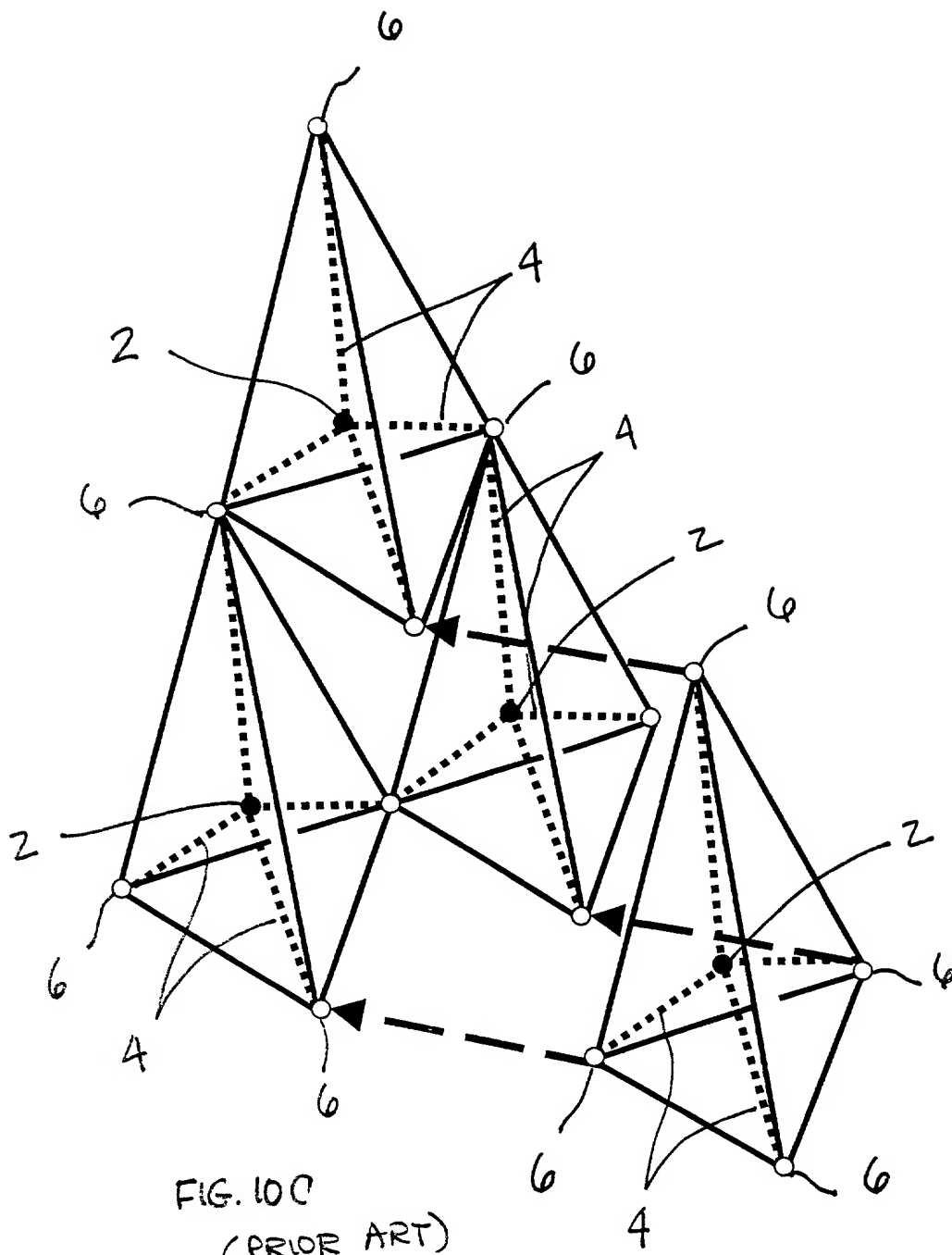


FIG. 10C
(PRIOR ART)

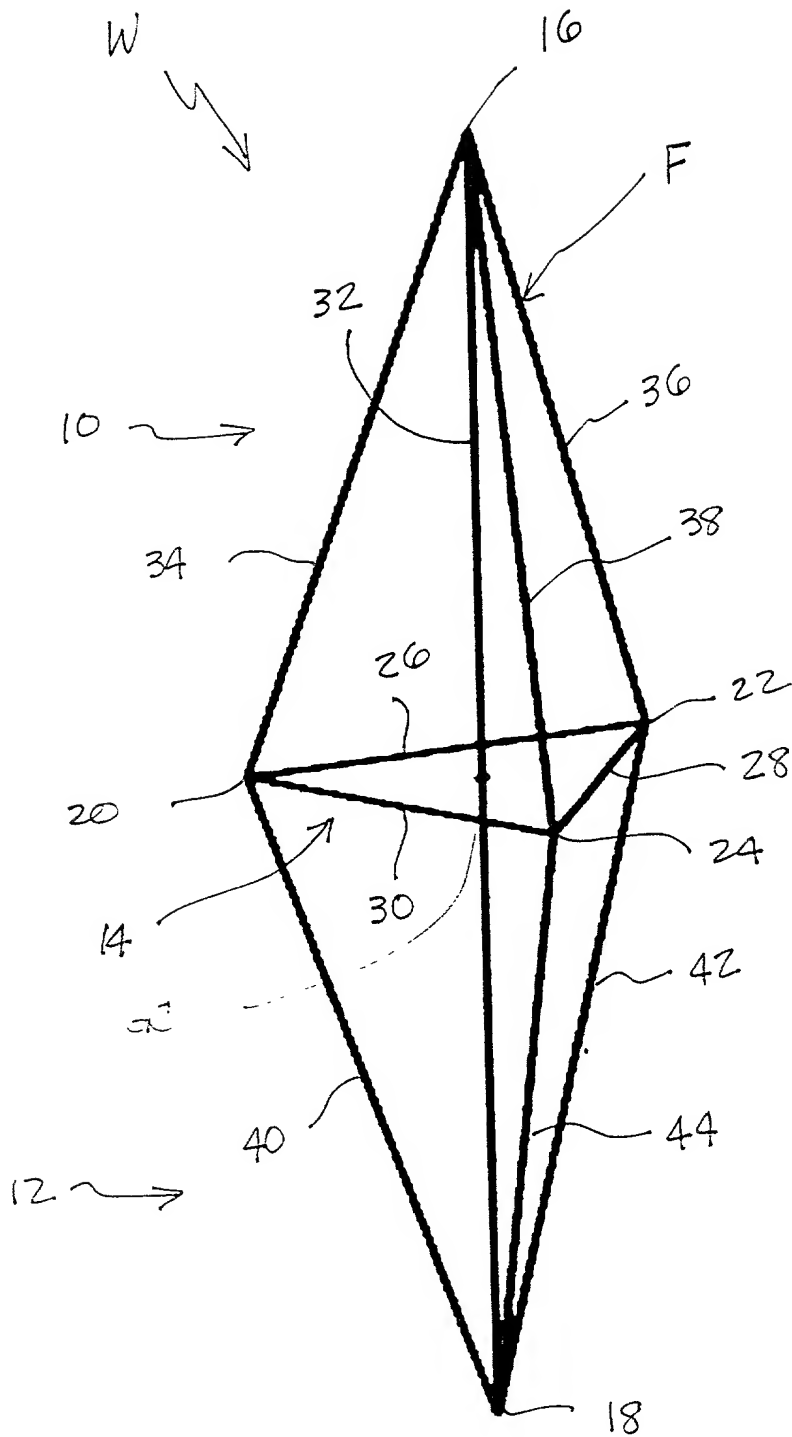


FIGURE 11

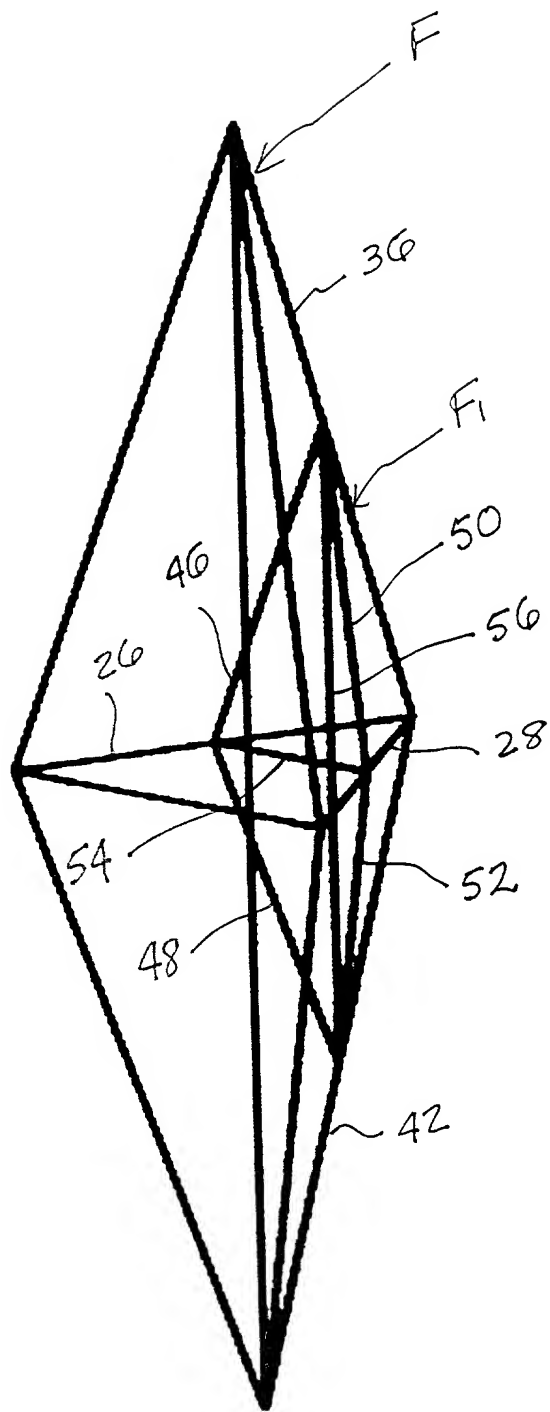


FIG. 12

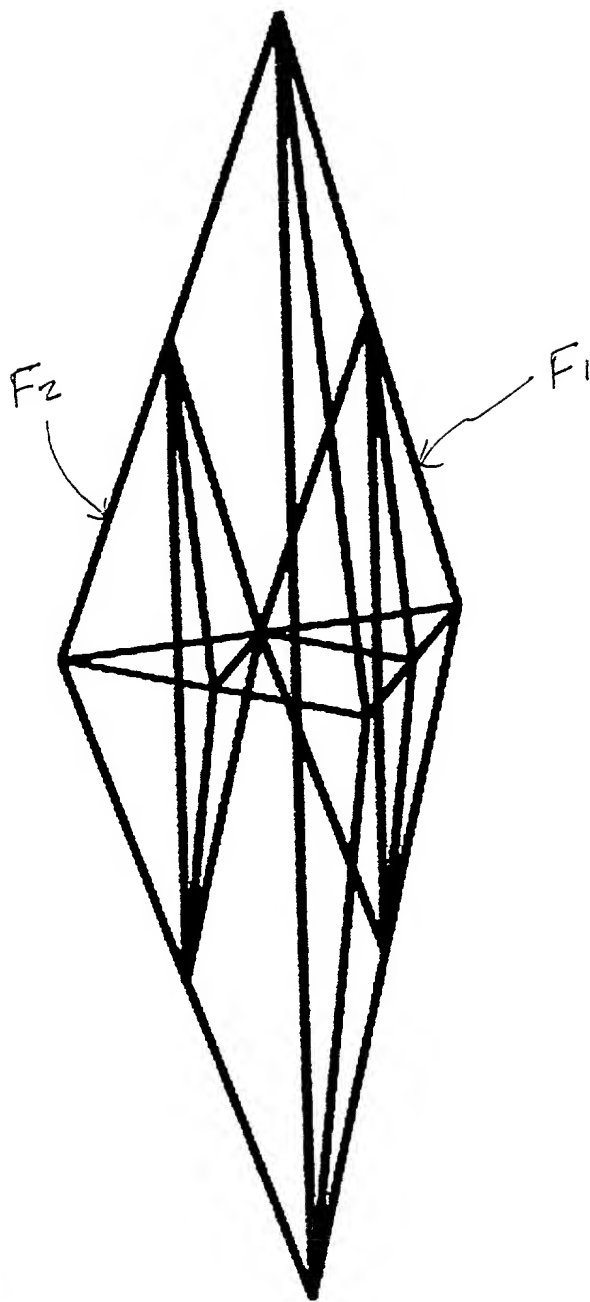


FIG. 13

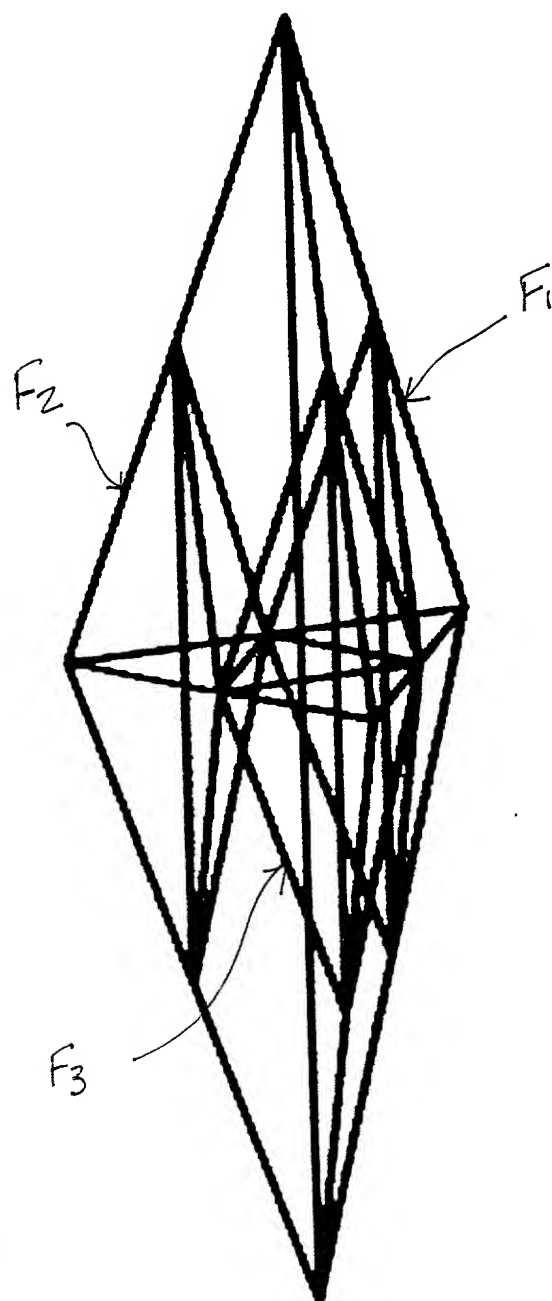
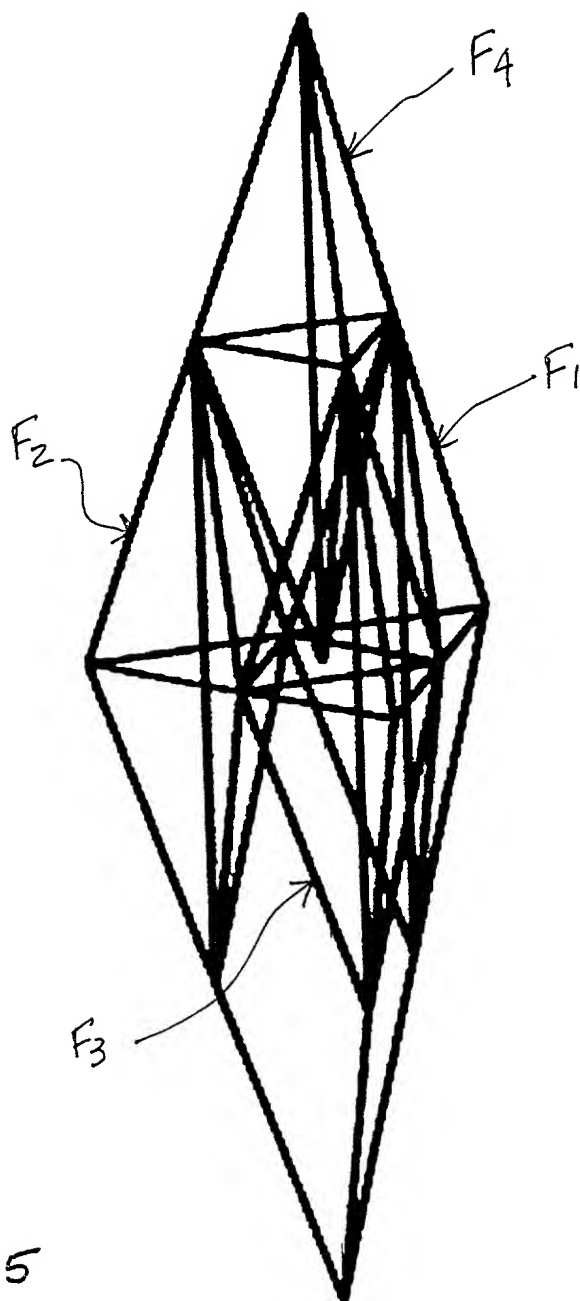


FIG. 14



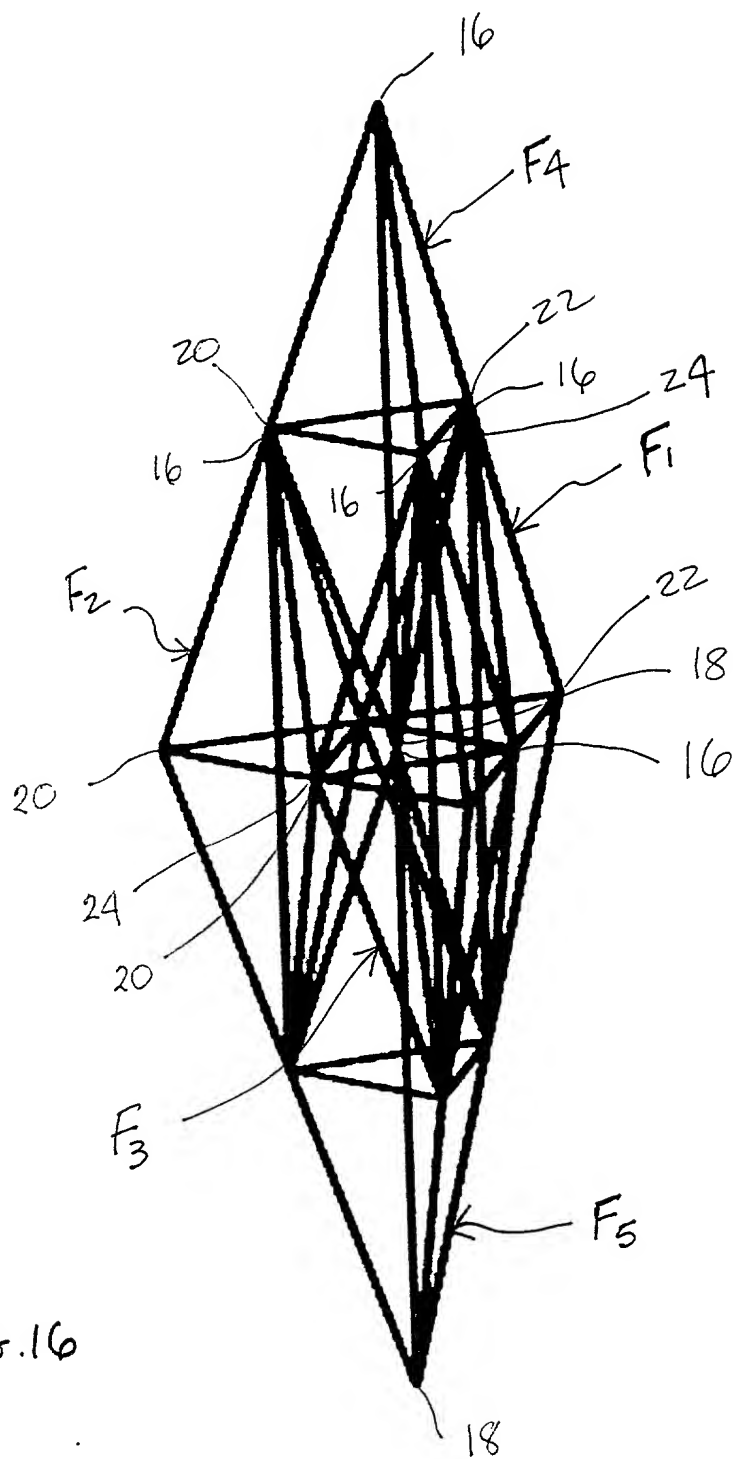


FIG. 16

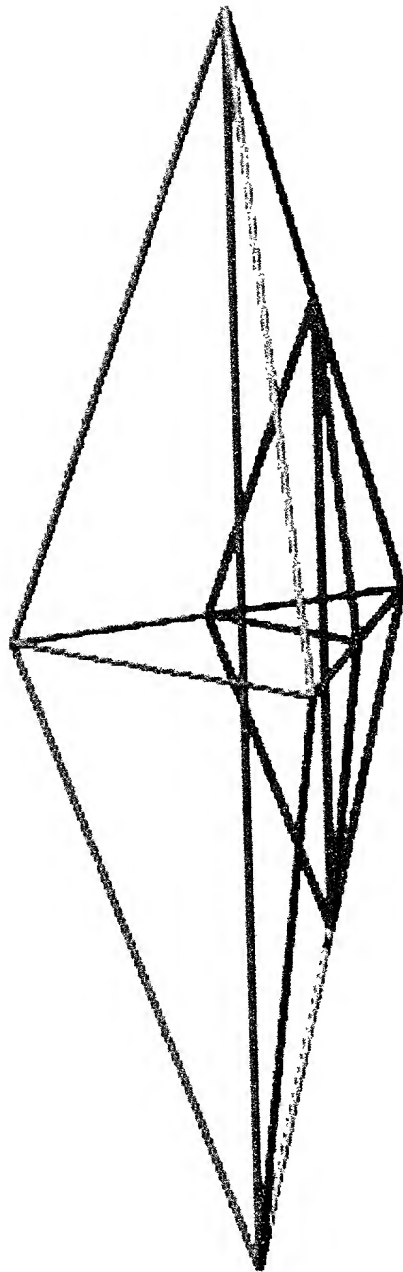


FIG. 17

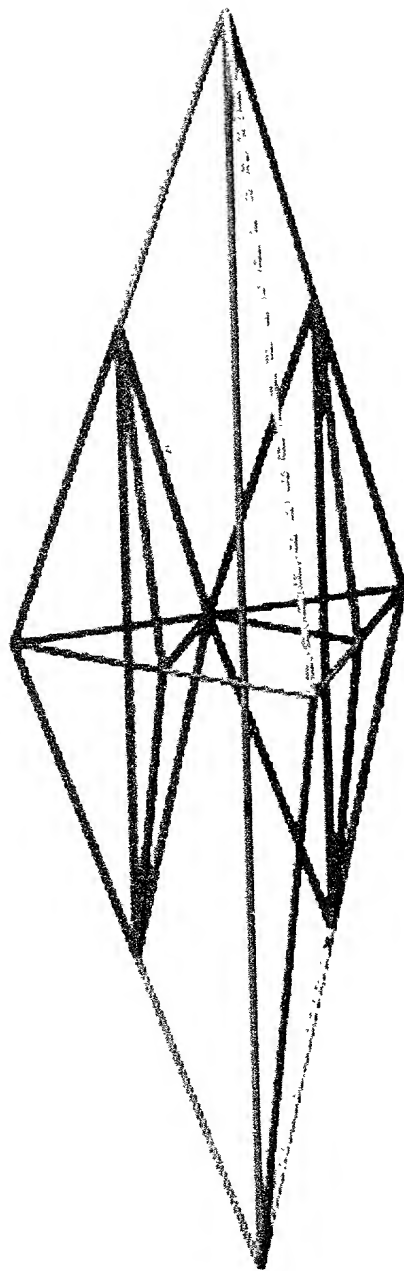


FIG. 18

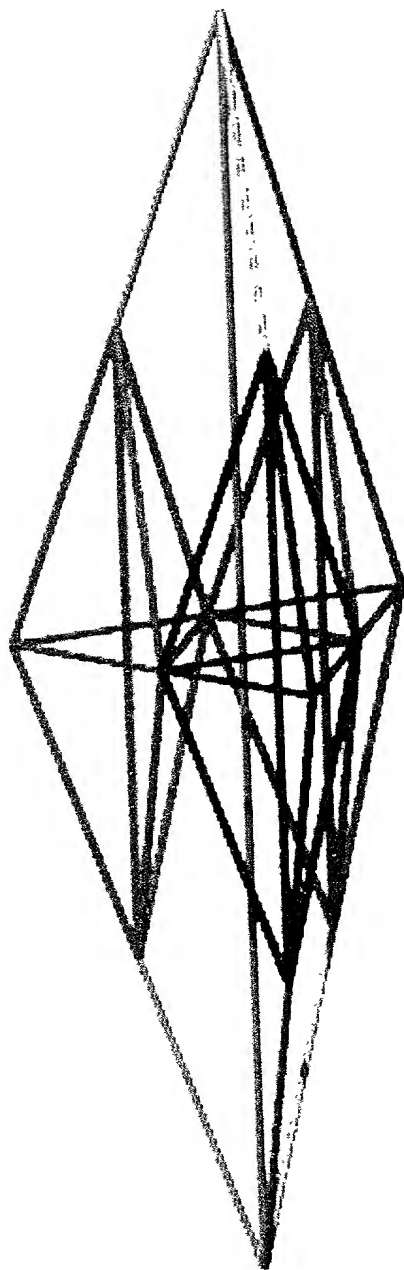


FIG.19

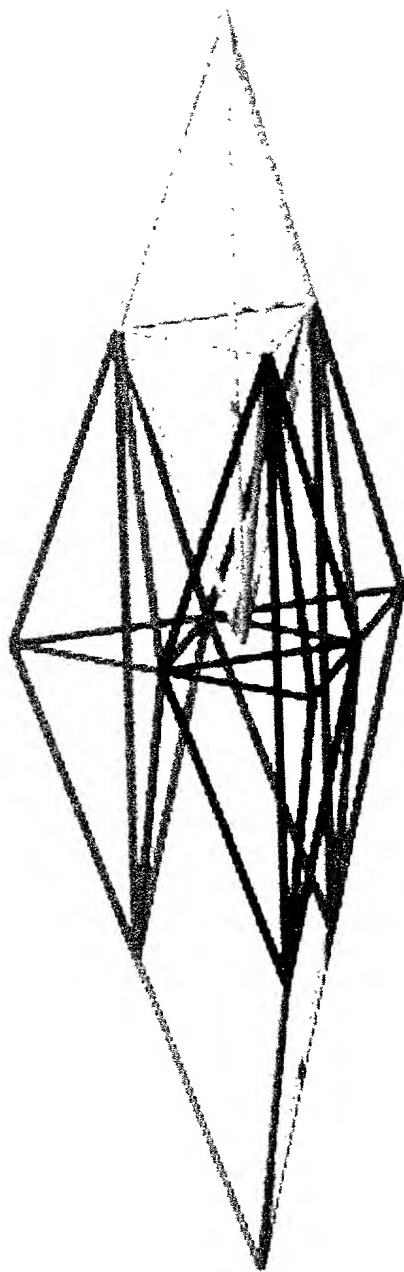


FIG. 20

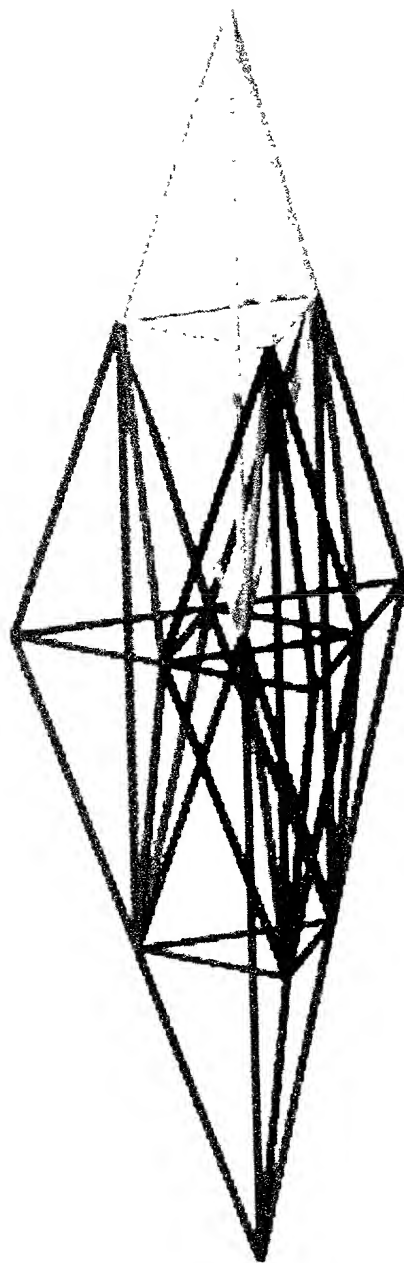


FIG.21

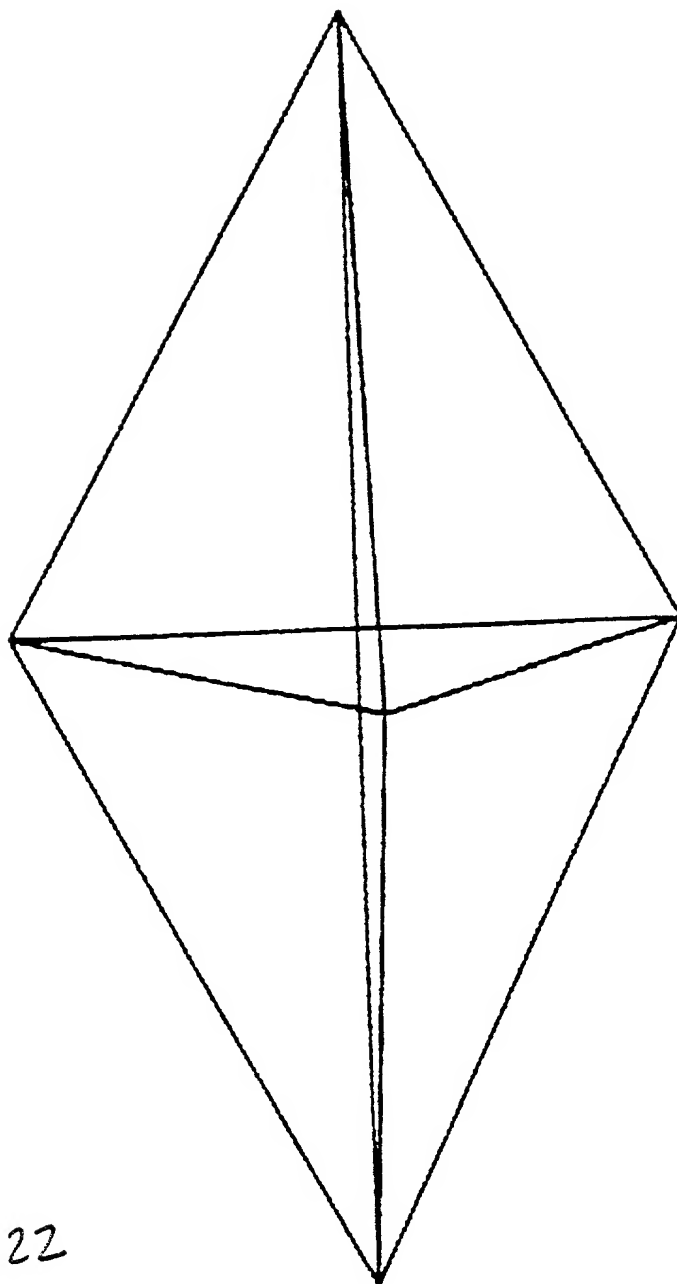


FIG. 22

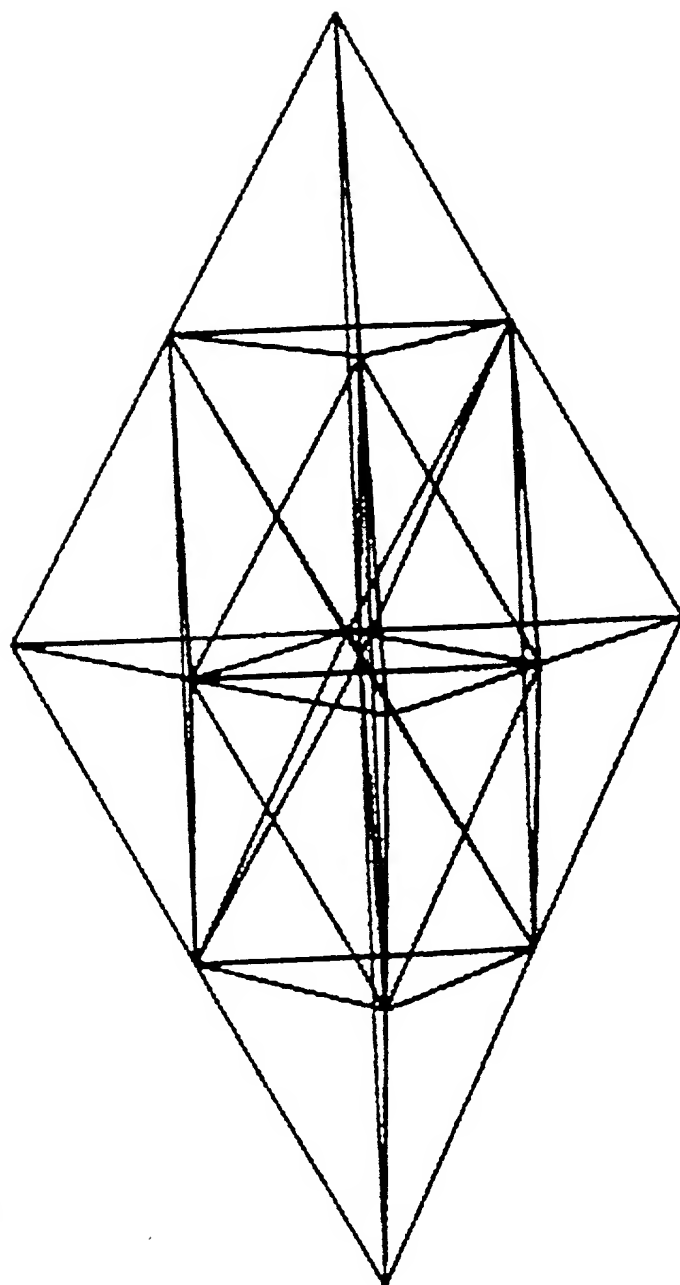


FIG. 23

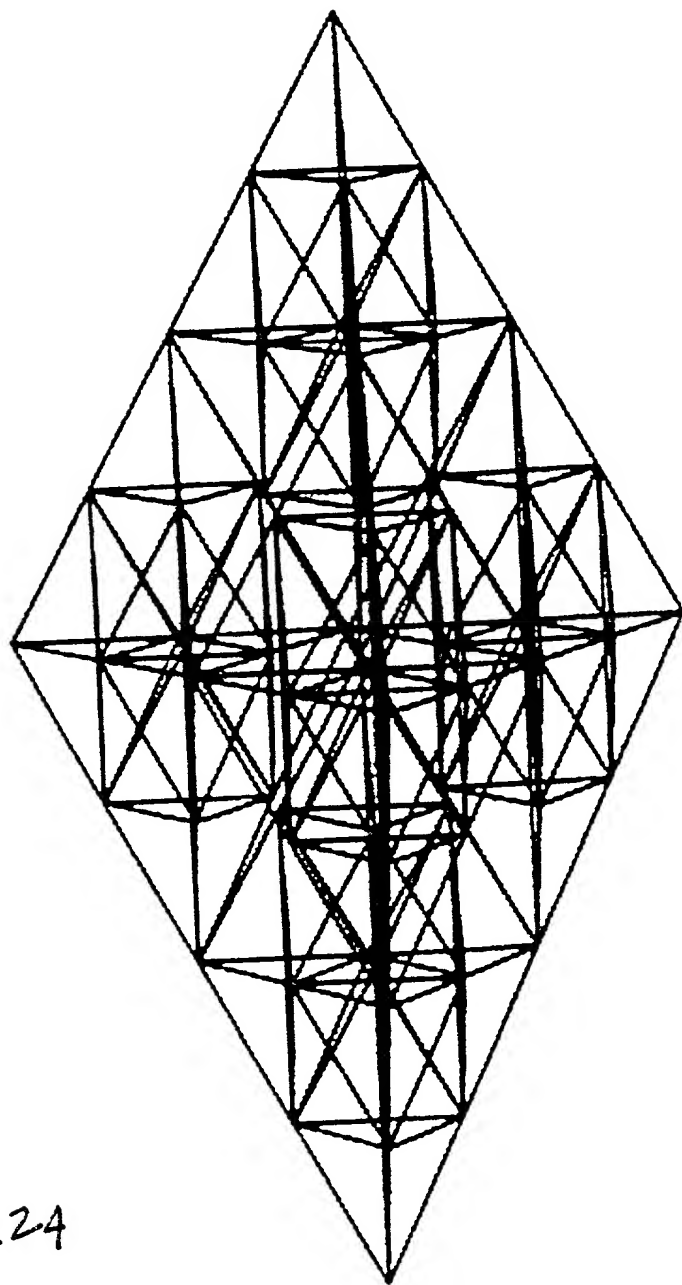


FIG. 24

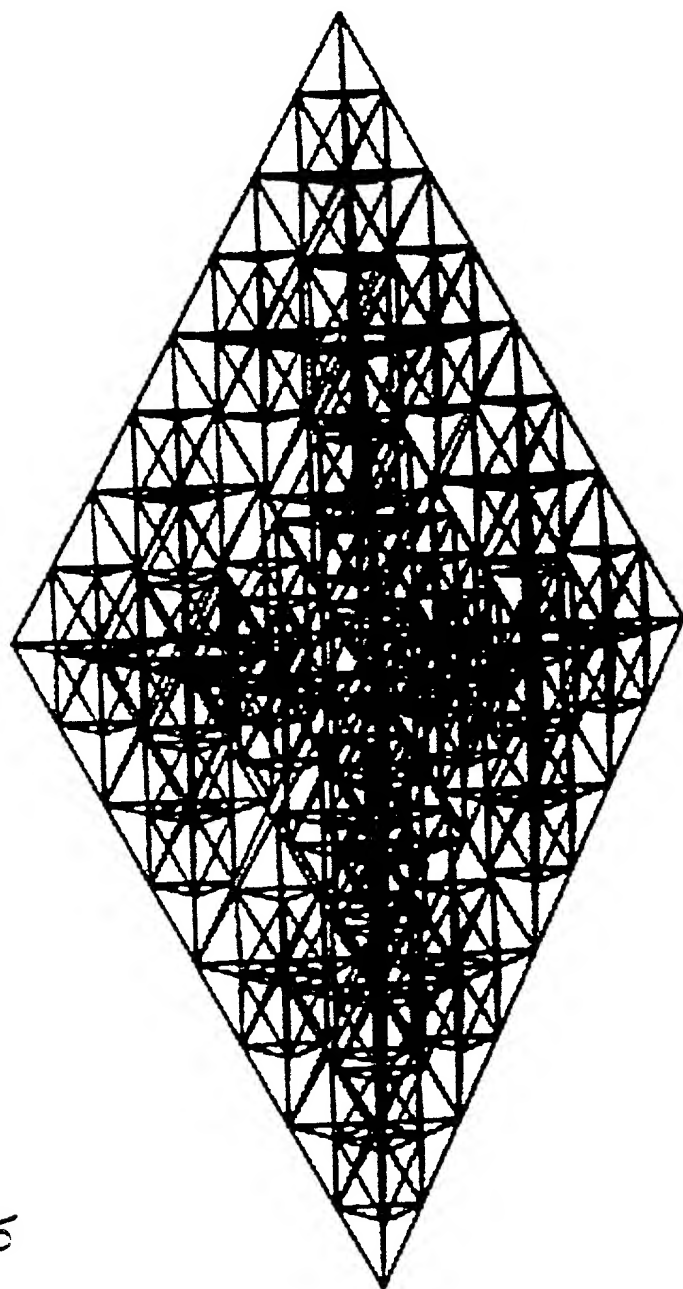


FIG.25

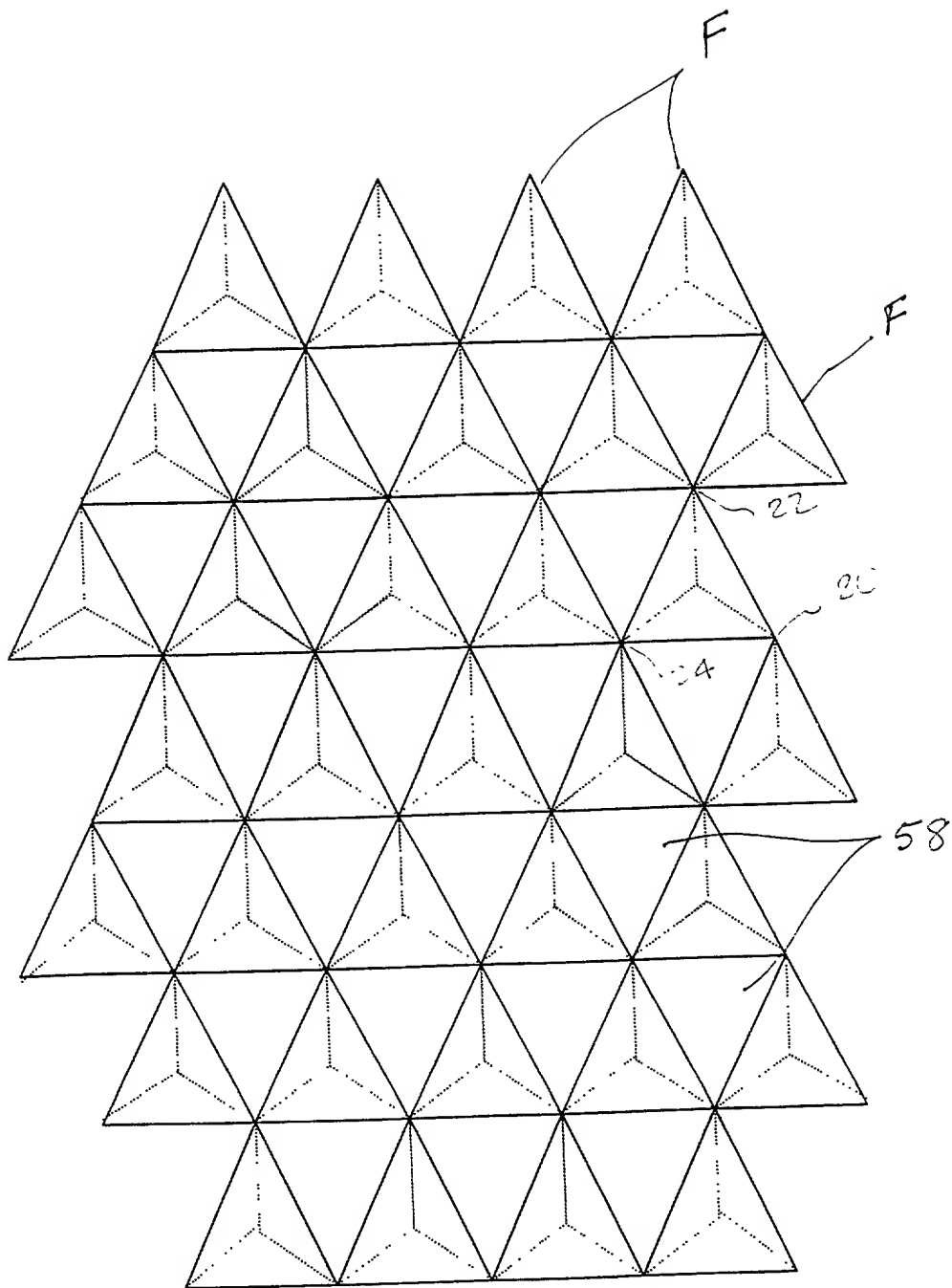


FIG. 26

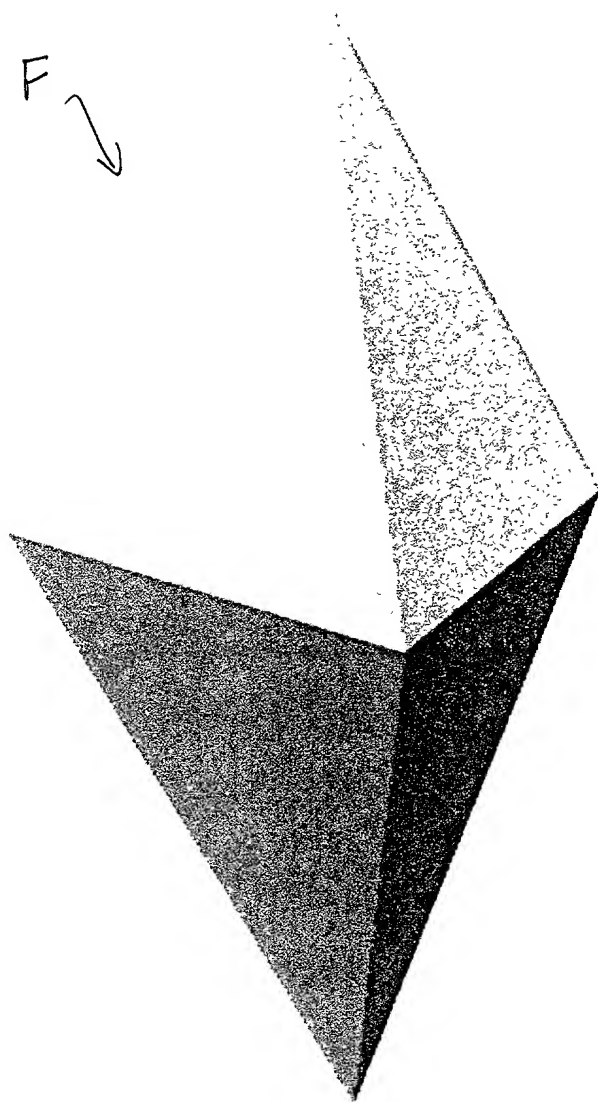


FIG. 27

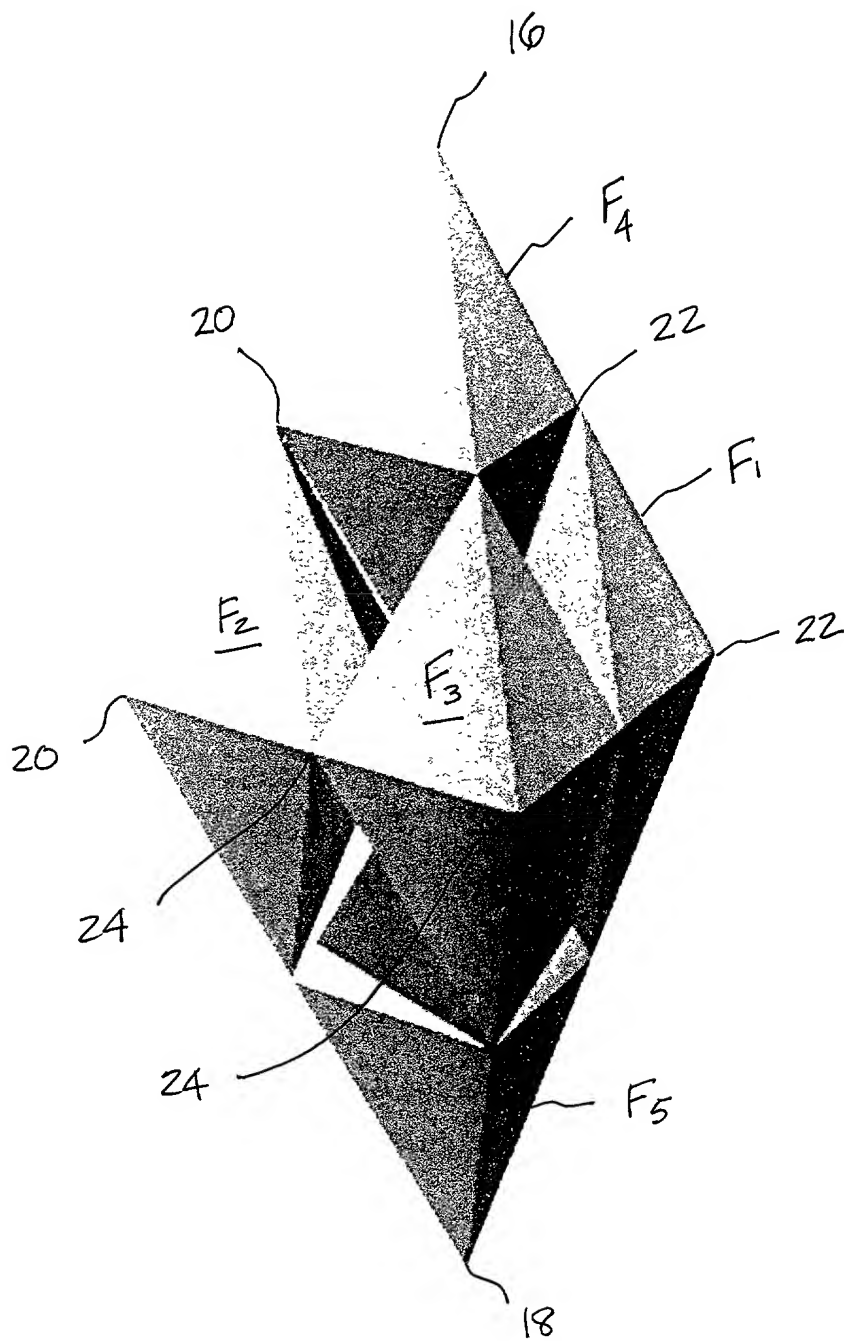


FIG. 28

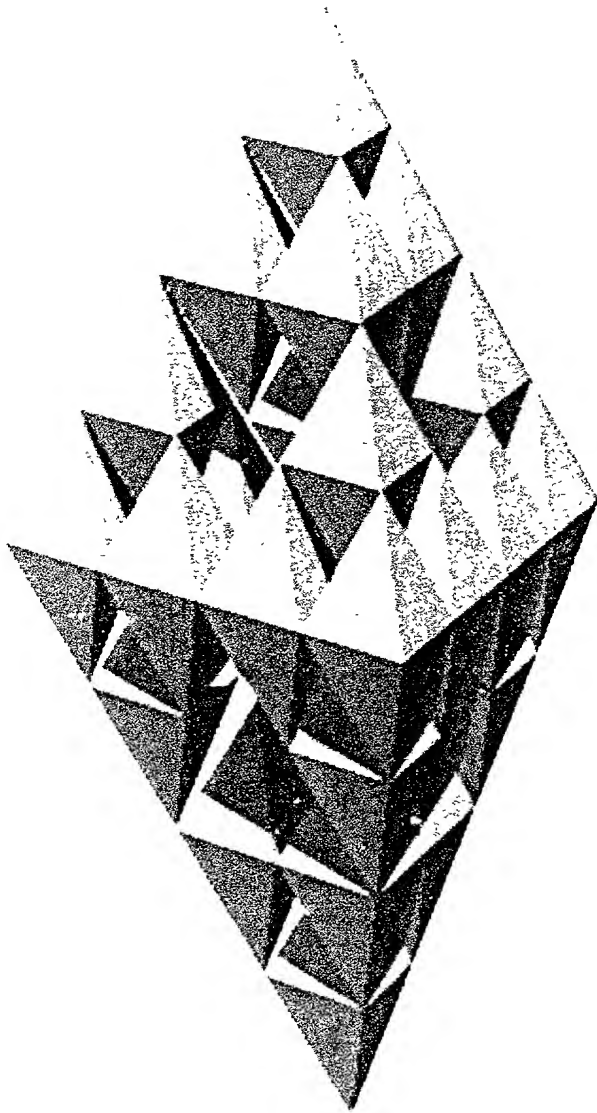


FIG. 29

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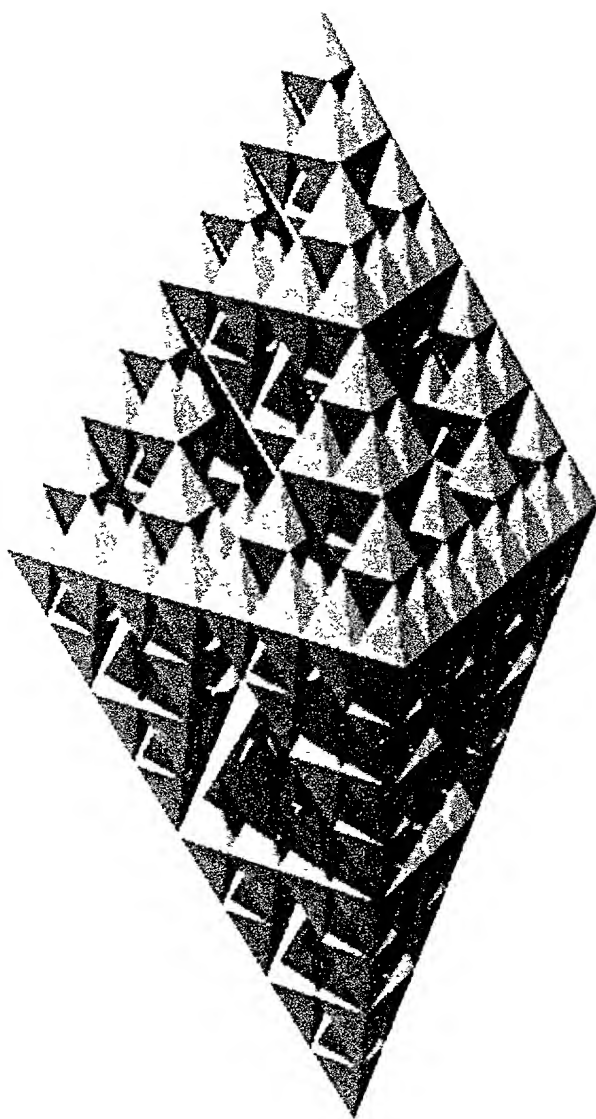


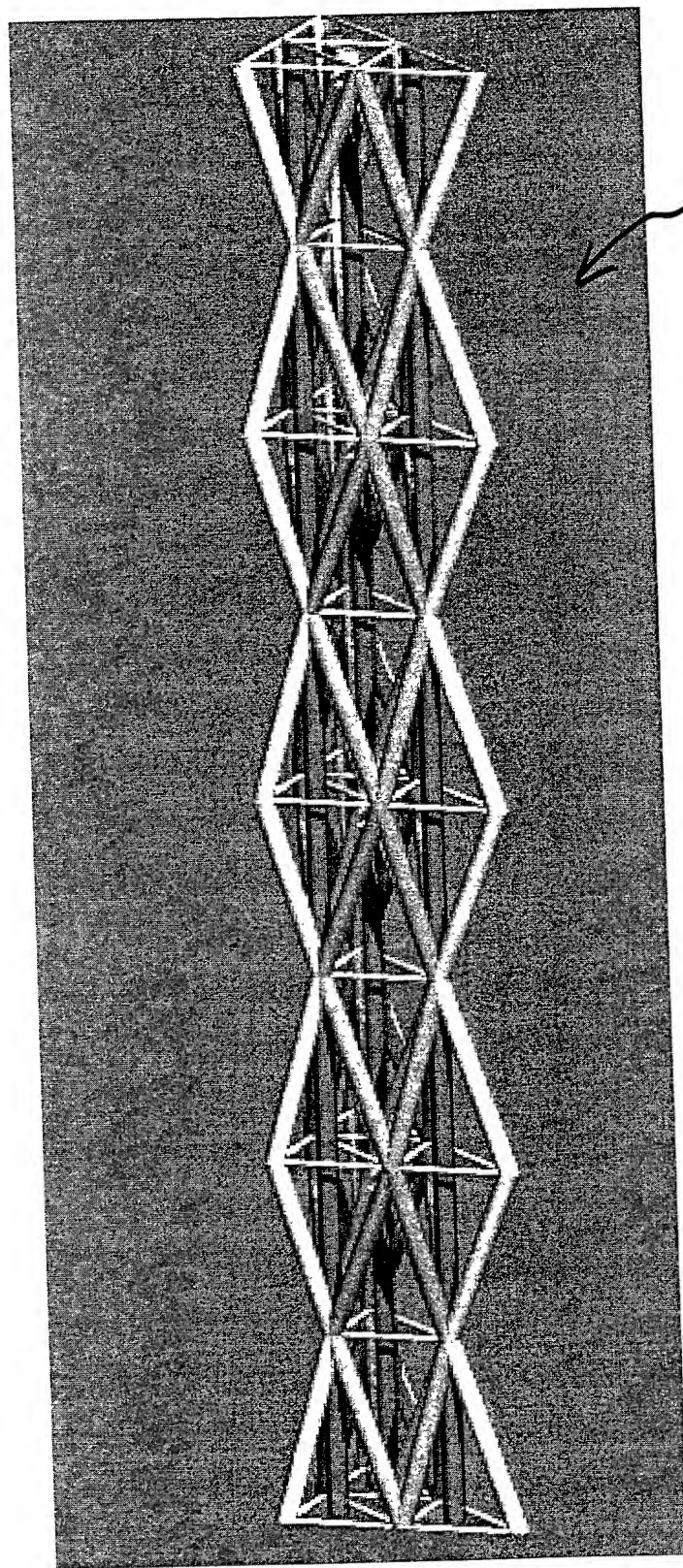
FIG. 30

FIG. 32

FIG.32

FIG. 31

FIG. 33



CM

FIG. 33

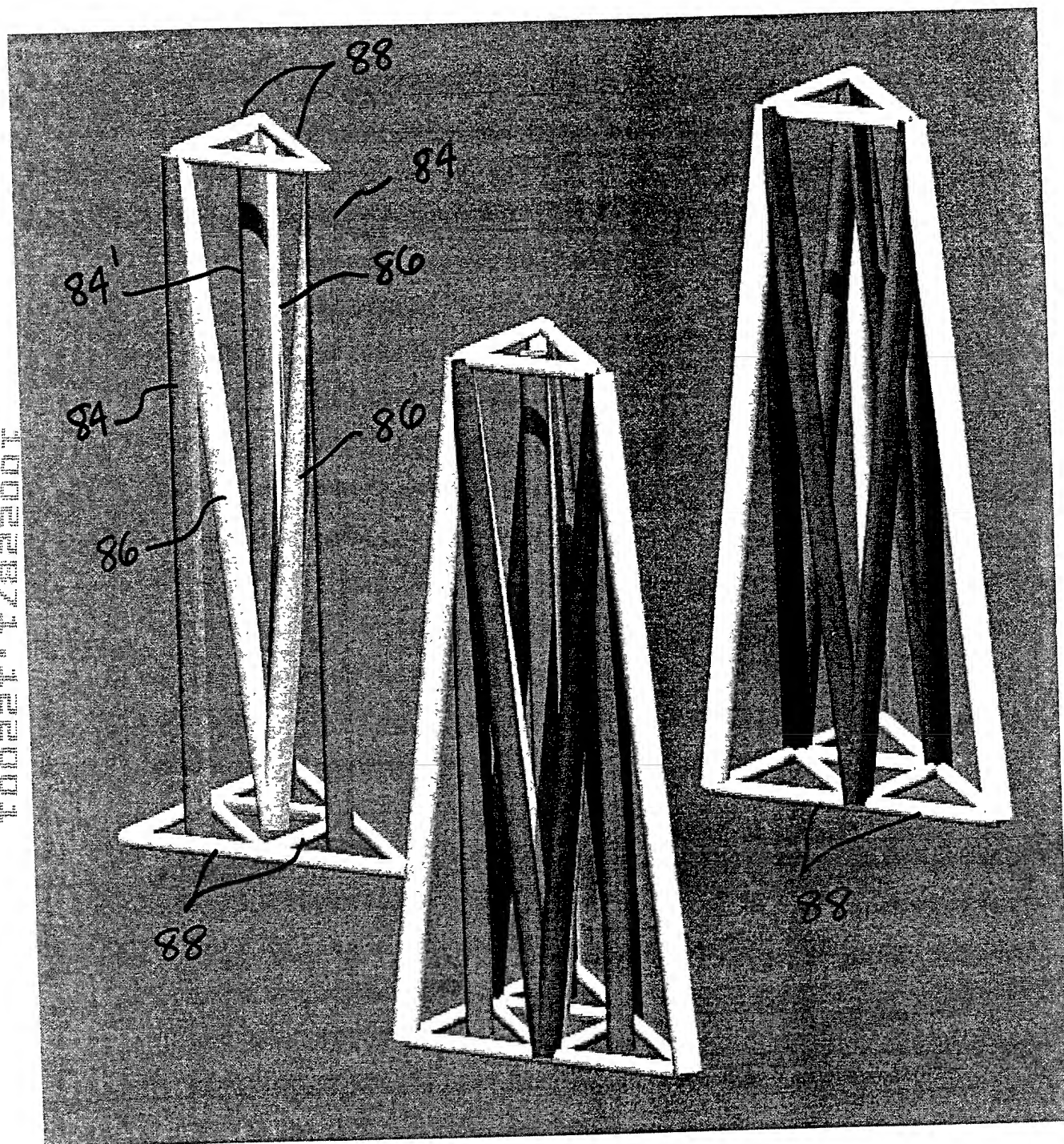


FIG. 35

FIG. 34

FIG. 36

100221 T/82200T

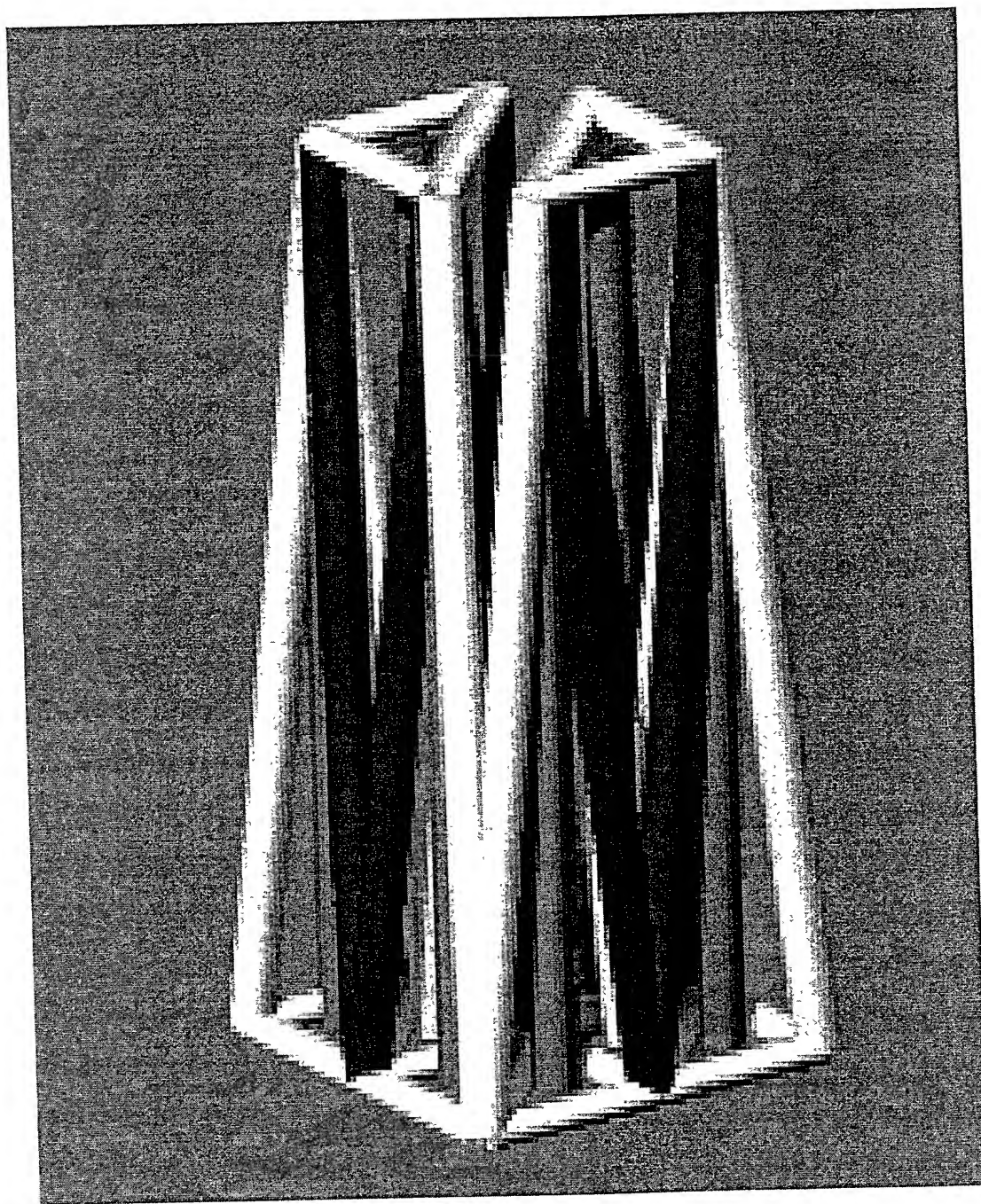


FIG. 37

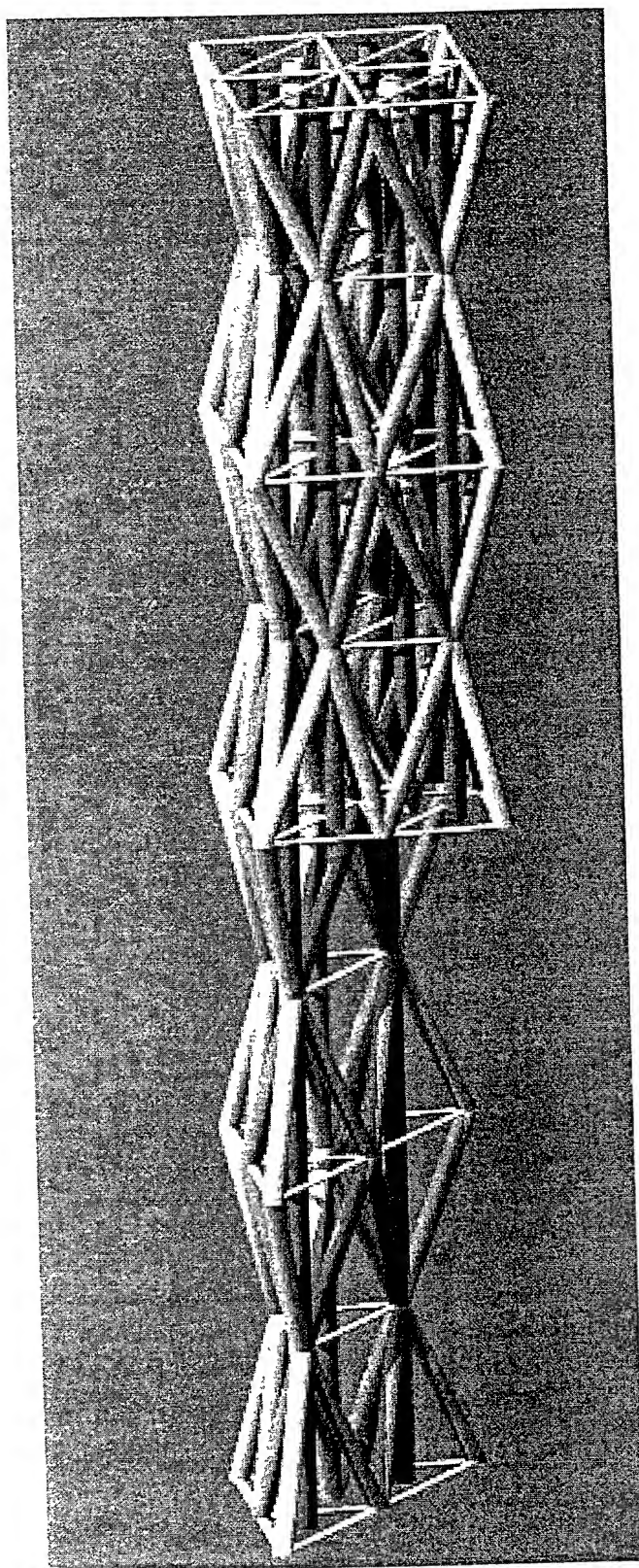


FIG. 38

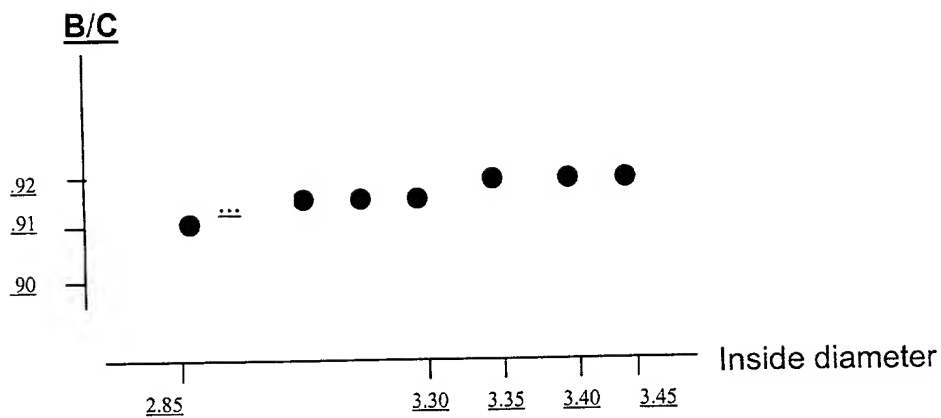


FIG. 39

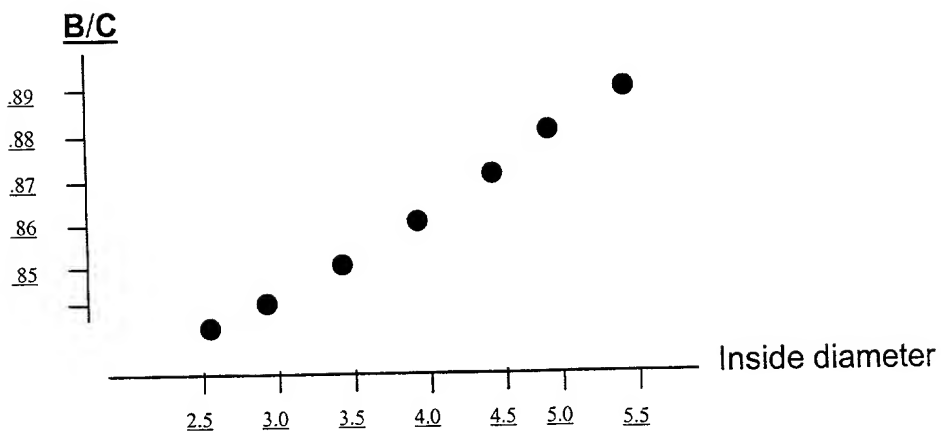
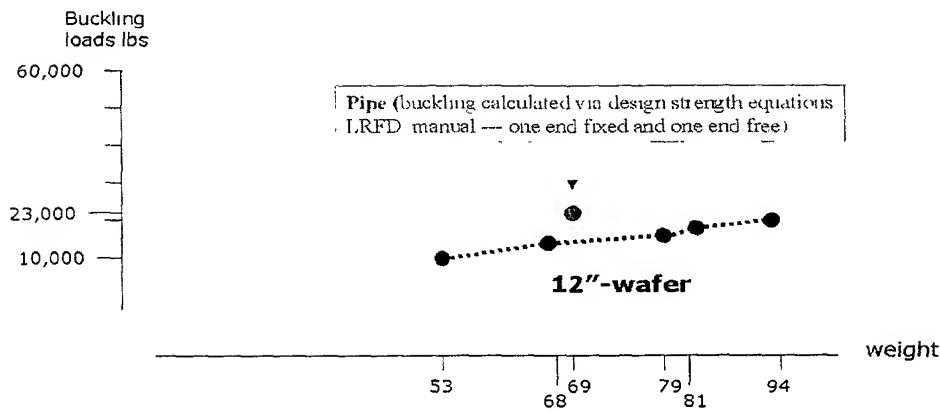


FIG. 40



One A36 steel 3.5" OD 1/4" wall thickness pipe and comparable level-1 12"-wafer 4-web columns

FIG. 41

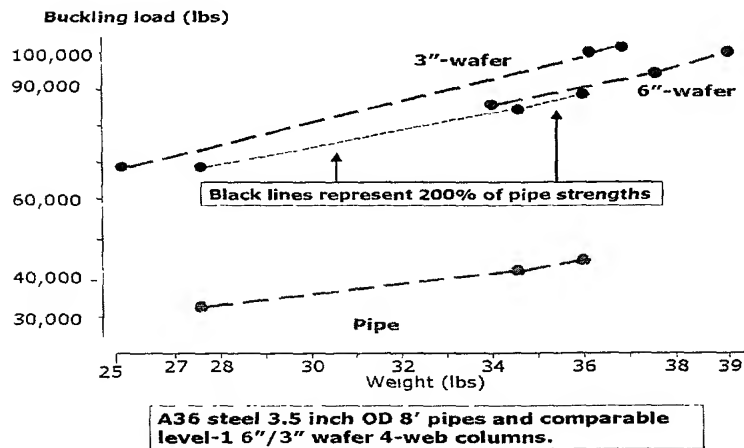


FIG. 42

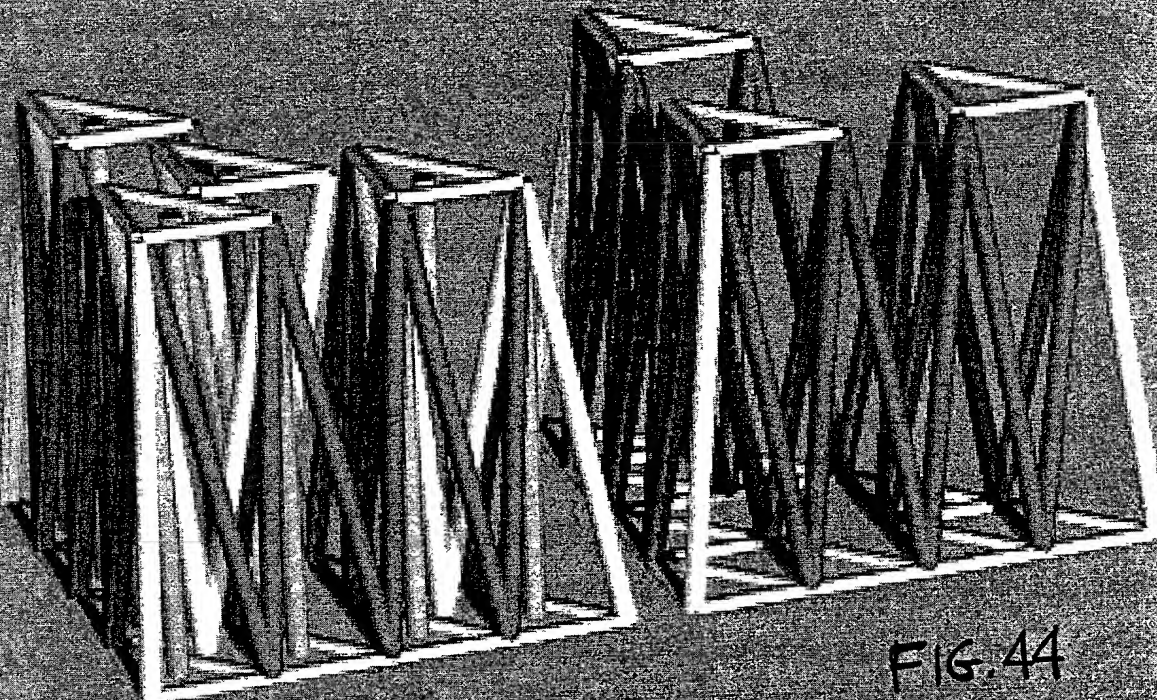


FIG. 43

FIG. 44

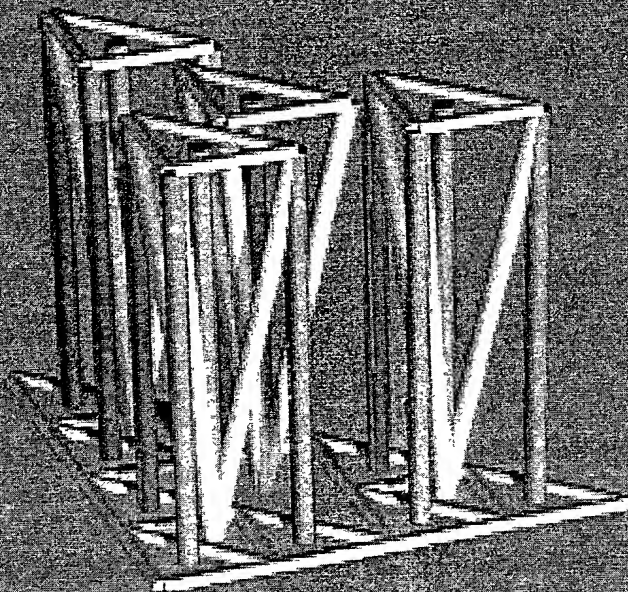


FIG. 45

100221-132001

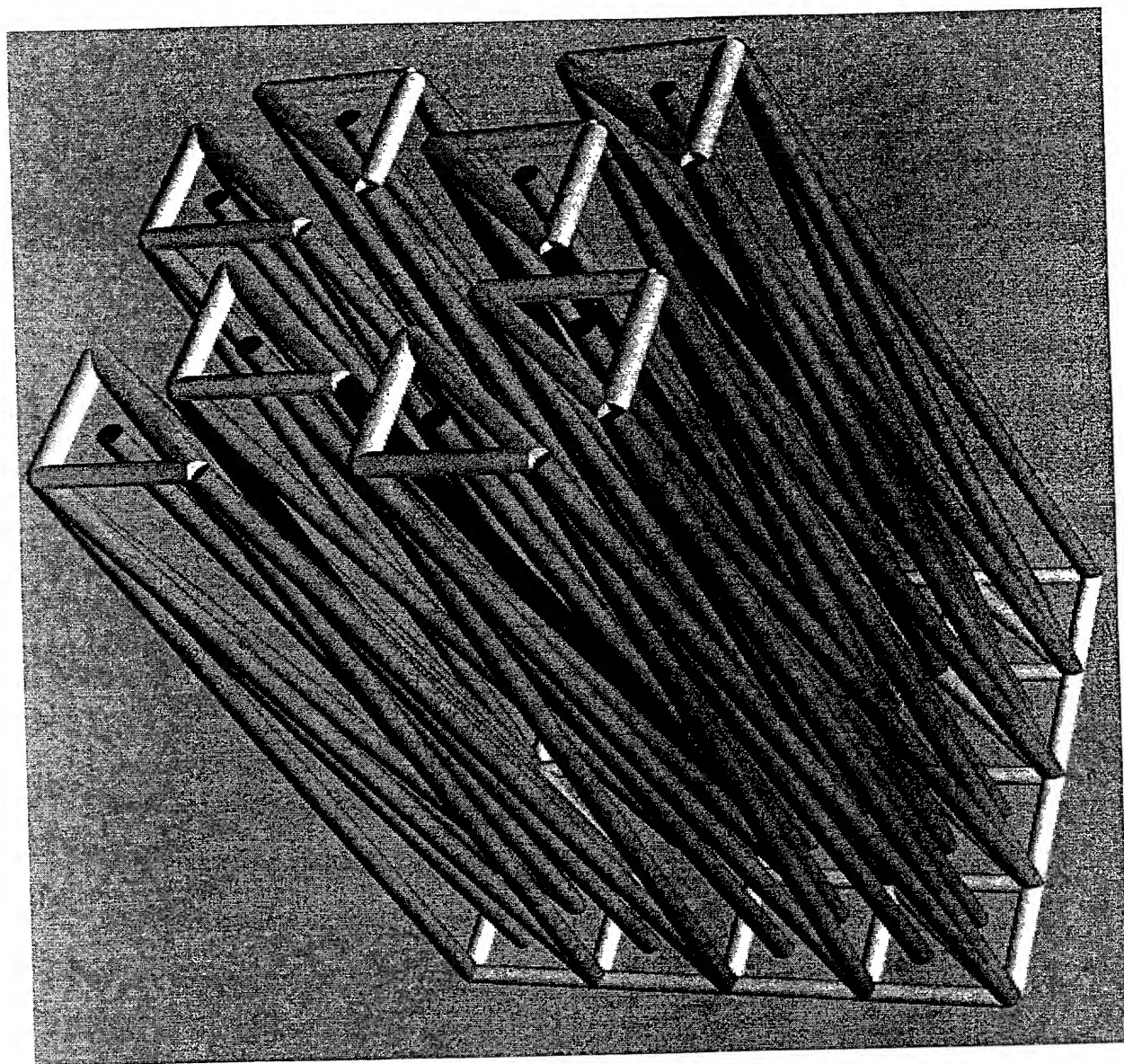


FIG. 46

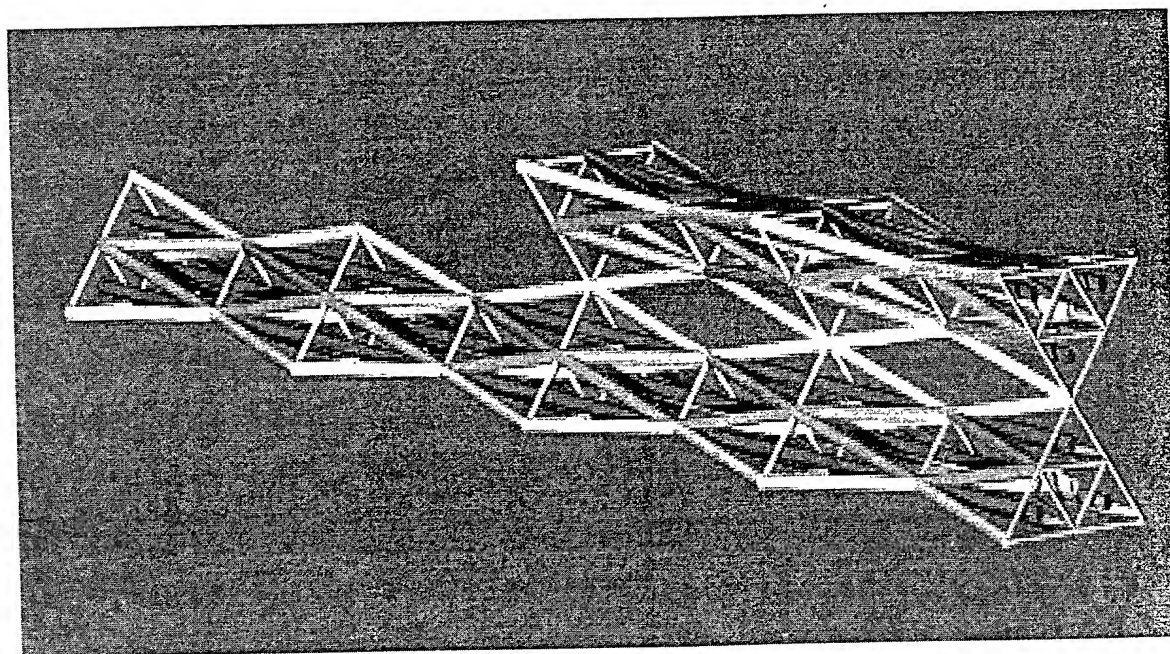


FIGURE 47

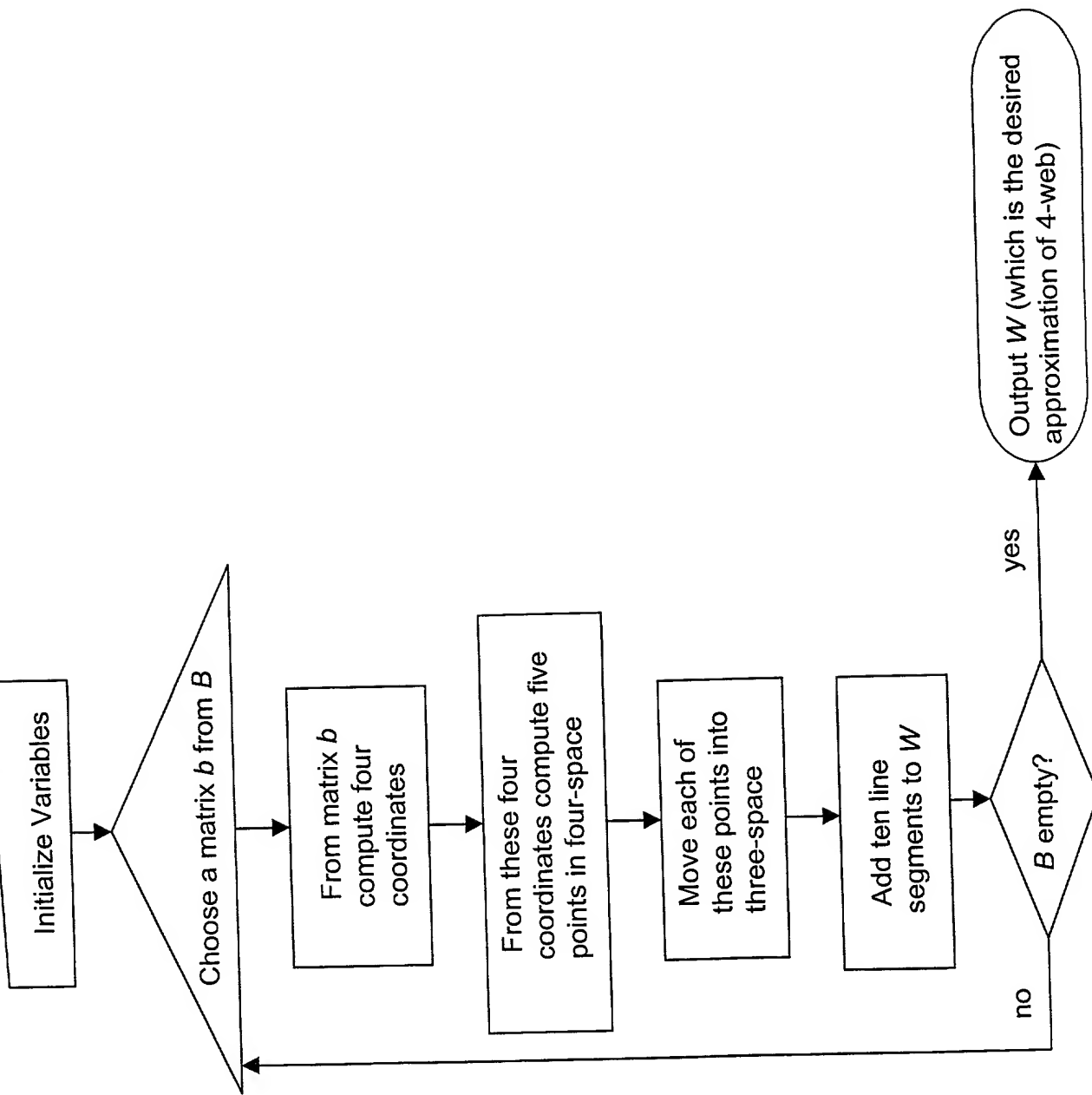


FIG. 48